

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 8925
Name Liberty Operations & Completions, Inc.
Address 308 West Mill Inc.
City/State/Zip Plainville, Ks 67663

Purchaser Derby Refining Co.

Operator Contact Person Charles G. Comeau
Phone 913-434-4686

Contractor: License # 5665
Name Pioneer Drilling Company, Inc.

Wellsite Geologist Kevin Adams
Phone 913-628-6698

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
10-03-85 10-09-85 10-29-85
Spud Date Date Reached TD Completion Date
3450' 3423'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 268 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 11.28 98 feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name Allied Cementing Company, Inc.
Invoice # 44517

API NO. 15-051-24,266
County Ellis
C S/2 NE SE 22 11s 17 East
Sec Twp Rge X West

1650 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

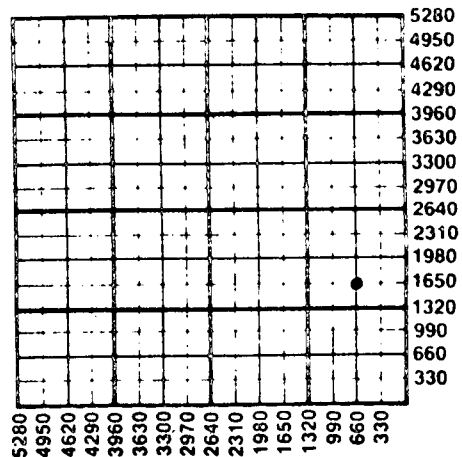
Lease Name Beach "E" Well # 9

Field Name *Burns Shales*

Producing Formation Arbuckle

Elevation: Ground 1914' 1919' KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater 300 Ft North from Southeast Corner
(Well) 1620 Ft West from Southeast Corner of
Sec 2 Twp 11S Rge 17 East West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

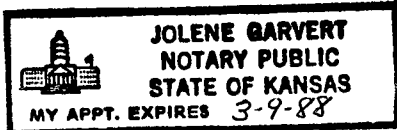
Signature Charles G. Comeau
Title Petroleum Geologist Date 11-12-85

Subscribed and sworn to before me this 12th day of November 1985

Notary Public Jolene Garvert

Date Commission Expires 3-9-88

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
RECEIVED
STATE CORPORATION COMMISSION



Sec 22 Twp 11 Rge 17 W

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name Beach "E" Well # 9

Sec. 22 Twp. 11S Rge. 17 East West County Ellis

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

| Name | Top | Bottom |
|----------------|-------|--------|
| shale and sand | 0' | 140' |
| shale and sand | 140' | 269' |
| sand and shale | 269' | 390' |
| shale and sand | 390' | 1124' |
| anhydrite | 1124' | 1163' |
| shale | 1163' | 1760' |
| shale | 1760' | 2080' |
| shale and lime | 2080' | 2135' |
| shale and lime | 2135' | 2285' |
| shale and lime | 2285' | 2555' |
| shale and lime | 2555' | 2760' |
| lime and shale | 2760' | 2870' |
| lime and shale | 2870' | 2955' |
| lime and shale | 2955' | 3063' |
| lime and shale | 3063' | 3155' |
| lime and shale | 3155' | 3215' |
| lime and shale | 3215' | 3300' |
| lime and shale | 3300' | 3375' |
| lime and shale | 3375' | 3450' |
| | | R.T.D. |

DST #1: 2850-2870'/60-60-60-60. Recovered 185' muddy water. IF: 25-50, FF: 58-83, Shut-In: 701-684.

Log Tops

| | | |
|------------|------|---------|
| Anhydrite | 1122 | (+797) |
| Topeka | 2827 | (-908) |
| Heebner | 3070 | (-1151) |
| Toronto | 3092 | (-1173) |
| Lansing/KC | 3117 | (-1198) |
| Base/KC | 3352 | (-1433) |
| Arbuckle | 3393 | (-1474) |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|---|--|----------------|---|----------------|-------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs/Ft. | Setting Depth | Type of Cement | #Sacks Used | Type and Percent Additives |
| Surface Casing | 12 1/4" | 8 5/8" | 20# | 268' | 60-40pos | 155 | 3%cc 2%gel |
| Production (1) | 7 7/8" | 5 1/2" | 20# | 3448' | 60-40pos | 100 | 8%salt 2%gel |
| " (2) | " | " | 23# | " | 50-50pos | 350 | 6%gel |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| 2/foot | 3407-3411 | | | 150 gal. 15% I.N.S. | | 3407-11 | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Size | | Set At | | Packer at | | | |
| 2 7/8" | | 3416.31 | | | | | |
| Date of First Production | | Producing Method | | | | | |
| 11-1-85 | | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | |
| Estimated Production Per 24 Hours | | Oil | Gas | Water | Gas-Oil Ratio | Gravity | |
| | | 10 Bbls | MCF | 970 Bbls | CFPB | | |

5%gil.

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease

3407-3411

Dually Completed
 Commingled